

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Doug Hui Huang  
Title: HIGH THROUGHPUT  
CYTOCHROME P450  
GENOTYPING  
Appl. No.: 10/615,497  
Filing Date: 7/7/2003  
Examiner: JOHANNSEN, Diana B.  
Art Unit: 1634  
Confirmation Number: 8961

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 3, 2009, please enter the following amendments and consider the following remarks.

**Amendments to the Specification** begin on page 2 of this document.

**Amendments to the Claims** begin on page 3 of this document.

**Remarks/Arguments** begin on page 7 of this document.

Please amend the application as follows: